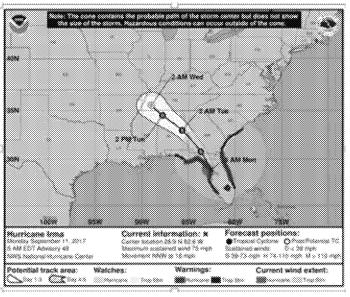
# Senior Leadership Briefing Hurricane Irma

Monday, September 11, 2017 (5:00 a.m. EDT) Updates in Blue

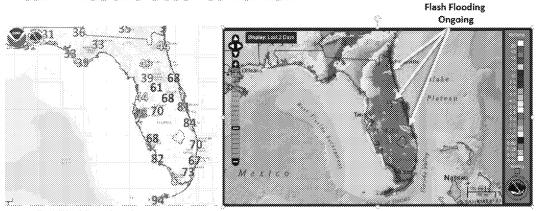
## **Current Situation:**

At 5:00 a.m. EDT, Hurricane Irma was located near Tampa, FL, with maximum sustained winds of 75 mph. The eye of Irma should move near or over the west coast of the Florida Peninsula this morning and remain a hurricane. Irma should then move inland over northern Florida and southwest Georgia by this afternoon while Irma continues to weaken.

Peak wind gusts from Irma (as of 5:00 a.m.) include 142 mph at Naples Airport, 130 mph at Marco Island, 122 mph in Lely, and 120 mph at Big Pine Key. Hurricane conditions are continuing across portions of central and northern portions of the FL Peninsula, with tropical storm and hurricane conditions expected to spread northward today. Irma is expected to produce rainfall amounts of 8 to 20 inches, locally 25 inches, from the Florida Keys to southeast Georgia through Wednesday. There is a high risk for flash flooding across these areas. Moderate to major river flooding is forecast with the greatest risk across Pasco to Sarasota Counties, FL. Tornadoes are also possible through today across the norther half of the FL Peninsula to eastern South Carolina. (NOAA Update, September 11, 2017, 5:00 a.m. EDT)



# Peak Winds and Observed Rainfall



- Peak Wind Gusts from Irma:
  - 142 mph at Naples Airport
  - 130 mph at Marco Island
  - 122 mph in Lelv
  - 120 mph at Big Pine Key

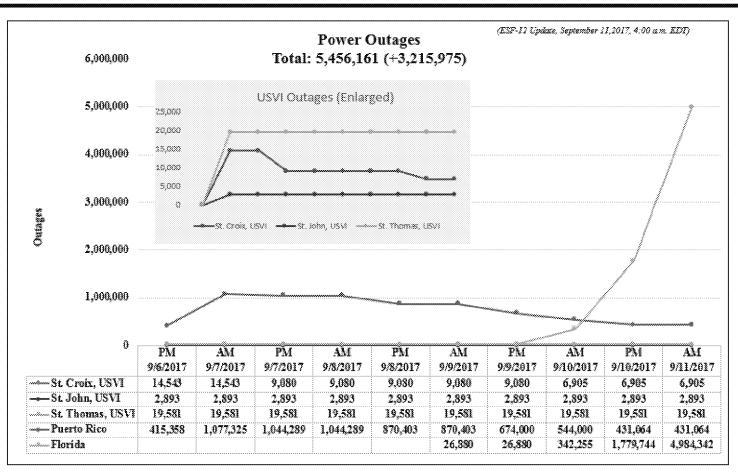
**Impact Summary:** 

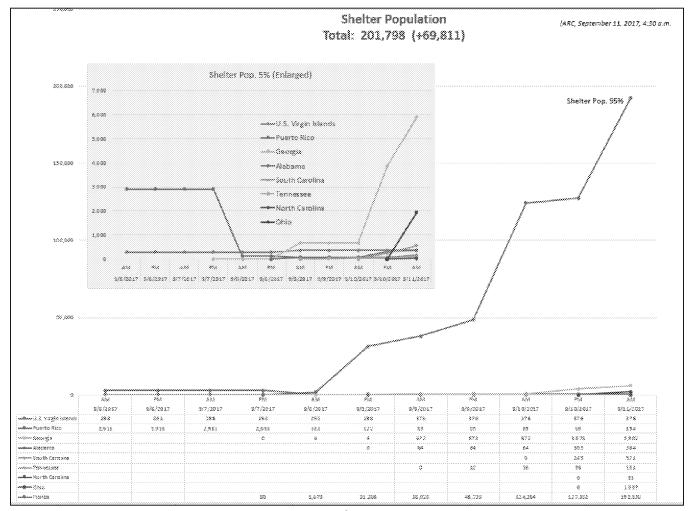
	Population Impacts						
State/Tribe	Confirmed Fatalities	Shelters / Population	Customer Power Outages	Hospitals	Evacuations	Other	
USVI	4	Shelters: 6 (+1) Pop: 154 (+85)	St. Thomas - 19,581 St. John - 2,893 St. Croix - 6,905	l evacuated/closed	N/A	St. Thomas and St. John curfew 6 p.m. to 12 p.m.	
PR	3	Shelters: 6 (+1) Pop: 154 (+85)	431,064	1 closed; 6 on generator power	N/A	Schools and government offices remain closed	
FI.	Not Reported	Shelters: 590 (+130) Pop: 192,330 (+64,998)	4,984,342 (+3,204,598)	35 closed 49 evacuated	37 counties mandatory 13 counties voluntary	Curfews in effect for most cities and counties All schools, colleges, and state offices closed	
Seminole Tribe	Not Reported	Shelters: 6 Pop: 85	No Power	Not Reported	No orders	Leaking at Immokalee and Big Cypress shelters	
Microsolee Tribe	Not Reported	Shelters: 1 Pop: 20	No Power	Not Reported	Not Reported		
64	N/A	Shelters: 34 (+5) Pop:5,902 (+2,031)	11,376	6 evacuated/closed	All areas east, some areas west of I-95, 1 county	State government offices closed September 11-12	
SC	N/A	Shelters: 23 (+20) Pop: 571 (+326)	N/A	N/A	Mandatory for barrier islands in 3 counties	State government buildings and schools closed in 24+ counties	
NC	N/A	Shelters: 5 (+1) Pop: 33 (+33)	N/A	Not Reported	N/A		
TN	N/A	Shelters: 4 (-1) Pop: 131 (+95)	N/A	Not Reported	N/A		
AL	N/A	Shelters: 19 (+15) Pop: 364 (+61)	N/A	Not Reported	N/A	State government buildings, schools, universities closed in 24+ counties	
As of:	3:28 a.m.	3:57 a.m.	4:00 a.m.	1:05 a.m	9/10.7:00 a.m.	9/10 8:46 p.m.	

9/10 7:00 a.m. 9/10 8:46 p.m. As of: 3:28 a.m. 3:57 a.m. 4:00 a.m. 1:05 a.m. (OCSO Email, RII, ESF-6, ESF-12, ESF-8, RIV, Tribal Affairs Liaison Updates, September 11, 2017)

	Infrastructure Impacts						
State/Tribe	Air	Ports	Public Transit	Roads	Fuel/Gas	Water	
USVI	Closed: 4 Emergency only: 1 No ATC: 1	3 open with restrictions All others open	All closed due to power outage	St. Thomas and St. John: Damage assessments delayed, major damage on coastal roads St. Croix: Minimal damage	Normal supply chain operational; 4 gas stations open on generators	341,514 without water	
PR	Open: San Juan	3 open with restrictions All others open	Ferry: Relief only Rail: Tren Ubano closed Bus: Open dawn to dusk	All interstates/major road open	Not Reported	337,995 (-242,005) without water	
FL	Closed: 11 Emergency only: 4 No ATC: 1	All closed	Rail: No service Other: Suspensions in 9 counties	Closed: US-1 Key Largo, Port of Miami Tunnel, Courtney Campbell Causeway, Sunshine Skyway Bridge, Bridge of Lions, Bryan Grady Patton/Big Bend Scenic Byway	Not Reported	Not Reported	
Seminole Tribe	N/A	N/A	N/A	Not Reported	Not Reported	Boil water notice	
GA	All open	All closed	Rail: no service 4 public transit systems assisting evacuation	Sidney Lanier Bridge (SR 25) and Talmadge Memorial Bridge (US 17) closed I-75 contraflow Northbound	Not Reported	Not Reported	
NC	All open	All Open	Rail: CSX Rail closing along I-95 corridor	Not reported	Not Reported	Not Reported	
SE	All open	All Open	Rail: Closed	Not reported	Not Reported	Not Reported	
AL	All open	All open with restrictions	Not Reported	Not Reported	Not Reported	Not Reported	
As of:	3:41 a.m.	1:53 a.m.	1:30 a.m.	3;41 a.m.	DOEGOD II I	3:09 a.m.	

1:30 a.m. 3;41 a.m. 3:09 a.m. (ESF-1, USCG, RII, RIV, ESF-12, Tribal Affairs Liaison, DOE SitRep Updates, September 11, 2017)





# **Declaration Activity:**

State Region	Declaration	Declared	Counties
Region II		IA.	PA
U.S. Virgin Islands	9/7: DR-4335	St. Thomas; St. John	All
Puerto Rico	9/10: <i>DR-4336</i>	2 counties	2
Region IV		TA.	PA
Florida	9/10: <i>DR-4337</i>	9 counties	All (67 counties)
South Carolina	9/7: <i>EM-3386</i>	-	All (46 counties and Catawba Indian Nation)
Georgia	9/7: <i>EM-33</i> 87	-	63 counties
Seminole Tribe of Florida	9/8: <i>EM-3388</i>	-	Whole Tribe

(FEMA, Email, Amendment No. 1 to FEMA-3387-EM for Georgia, September 10, 2017 7:22 p.m.)

• FEMA amended the emergency declaration for GA, FEMA-3387-EM, adds 63 counties for debris removal and emergency protective measures under the Public Assistance program (FEMA, Email, Amendment No. 1 to FEMA-3387-EM for Georgia, September 10, 2017 7:22 p.m.)

Federal Force Laydown:

Department/Agency		mnel oved	Department/Agency		oner eyed
FEMA – Deployed	1,786	(+131)	National Weather Service- NOAA	343	(0)
FEMA – Other Support	533	(+6)	National Guard	17,398	(+6289)
Urban Search & Rescue	1,346	(0)	DOD – Title 10	7,834	(+4227)
Health and Human Services	852	(+183)	General Services Administration	18	(+10)
Department of Transportation	25	(0)	U.S. Army Corps of Engineers	239	(+73)
United States Coast Guard	520	(-247)	Department of the Interior	207	(+115)
DHS – NPPD	53	(-27)	USDA - U.S. Forest Service	50	(+9)
Department of Energy	21	(-2)	Small Business Administration (SBA)*	0	(0)
US Department of Agriculture	9	(+1)	Transportation Security Administration*	107	(+93)
Law Enforcement (ESF 13)	668	(+471)	Housing and Urban Development*	0	(0)
Customs and Border Protection	372	(0)	Department of State	19	(+19)
Civil Air Patrol	107	(0)	Environmental Protective Agency (EPA)	142	(0)
Immigration and Customs Enforcement*	0	(0)	Emergency Management Assistance Compact	4,131	(+4,120)
	•		Total	32,660	(+11351)

\*Number of Personnel Unknown/Not Reported (Situational Awareness Info Analysis, September 11, 2017 4:07 a.m. EDT)

# **FEMA Headquarters:**

### Recovery

State/Territory	Total Individual Assistance Registrations	% of Projected Total Registrations	% of Total Households in Disaster Area
U.S. Virgin Islands	452	3.5%	1.0%
Puerto Rico	237	11.9%	3.6%
Florida	1,583	0.2%	0.06%

- O Surge staffing continues for FEMA's Strategic Workforce Augmentation Team (SWAT) taking calls from three NPSCs, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 4,506 call center agents are expected to be online today (Recovery Contact Center Surge Staffing Timeline, September 10, 2017, 11:30 a.m. EDT)
- Federal Insurance and Mitigation Administration
  - Flood insurance: Policies in Force in projected path of Irma: Approximately 2.3M (FIMA Update, September 10, 2017, 2:13 p.m. EDT)

#### Mutual Aid

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II	USVI	2	1
IV	FL	104 (+12)	26
IV	GA	2	1
IV	SC	0	2

(EMAC SitRep #34, September 11, 2017, 1:00 a.m. EDT)

# **FEMA Region II:**

- RRCC at Level I (Full Activation) day shift, Level II (Partial Activation) night shift with ESF 1,3,6, 8.12.13.& 15 (Region II Sit Rep., September 10, 2017, 9:00 a.m. EDT)
- FEMA Region II IMAT locations:
  - o Region II IMAT-A in St. Croix; Region II IMAT-B in St. Thomas and PR; Region II IMAT-C in PR
  - O Region X IMAT: San Juan, PR (Region II Sit Rep, September 10, 2017, 9:00 a.m. EDT)
- U.S. Virgin Islands
  - o EOC at Full Activation, state of emergency declared and National Guard activated
  - O (Region II Sit Rep, September 9, 2017, 5:00 p.m. EDT)
- Puerto Rico
  - EOC at Level IV (Full Activation); state of emergency declared and National Guard activated (Region II Sit Rep, September 10, 2017, 9:00 a.m. EDT)

# **FEMA Region IV:**

- RRCC at Level I (Full Activation) (Region IV Daily Sit Rep., September 10, 2017, 1:30 p.m. EDT)
- HQ National Tribal Affairs Advisor on site at RIV RRCC (Tribal Liaison, September 10, 2017, 2:00 p.m. EDT)
- Region III IMAT arriving at AL EOC (Daily Ops Brief, September 10, 2017, 8:30 a.m. EDT)
- Region IV IMAT-1 at FL EOC and Region IV IMAT-2 at SC EOC
- Region IV Liaison Officers at FL, SC, GA, NC, AL, and Seminole Tribe EOCs (1 each) (FEMA Daily Ops Brief, September 10, 2017, 8:30 a.m. EDT)
- Florida
  - O EOC at Level I (Full Activation) (Region IV Daily Sit Rep., September 9, 2017, 1:30 p.m. EDT)
  - O State of Emergency declared for 67 counties (FL Department, September 5, 2017, 7:44 p.m. EDT)
  - o FEMA Initial Operating Facility operational in Tallahassee (Region IV Update, September 10, 2017, 2:00 p.m. EDT)
- Seminole Tribe of Florida: EOC at Full Activation (24/7, all ESFs) (FEMA Tribal Liaison Update, September 10, 2017, 3:00 p.m. EDT)
  - O Seminole Tribe has multiple reservation areas throughout FL that are non-contiguous; four reservations are in the direct path of Irma: Big Cypress, Hollywood, Immokalee, and Tampa (Tribal Liaison, September 9, 2017, 1:44 p.m. EDT)
- Miccosukee Tribe: Two EOCs at Full Activation (Tribal Liaison, September 10, 2017, 3:32 p.m. EDT)
- Georgia: EOC at Level I (Full Activation) (FEMA NWC, September 10, 2017, 12:48 p.m. EDT)
- Alabama: EOC a Level I (Full Activation). Governor issued state of emergency September 8 and activated AL National Guard (Daily Ops Brief, September 10, 2017, 8:30 a.m. EDT)
- North Carolina: EOC at Level I (Full Activation) (FEMA NWC, September 10, 2017, 12:48 p.m. EDT)
- South Carolina: EOC at OPCON 1 (Full Activation) (FEMANWC, September 10, 2017, 12:48 p.m. EDT)

# **Interagency Coordination/Response:**

- ESF-1: Transportation
  - O USVI/PR:
    - St. Thomas, road damage is difficult to fully assess due to downed power lines and fallen trees; USVI Power Authority (WAPA) is working to remove/reestablish poles/lines; in St. John, major damage on coastal roads; ferry service from St Thomas to St John has not yet been reopened, so St. John situation has not been confirmed (ESF-1 Update, September 10, 2017, 11:35 p.m. EDT)
    - Special Notice to Airmen (NOTAM) for St. Thomas is in effect for the Contingency Ramp at King Airport through September 20, 2017, requiring all military and civilian flight operations to contact the Irma Flight Operations Coordination Center to obtain a ground reservation prior to departure; no fuel services are available (FAA Update, September 10, 9:56 p.m. EDT)
    - DHS waived Merchant Marine Act of 1920 ("Jones Act") allowing international vessels to dock at American seaports; acting DHS Secretary approved request effective through September 14 (ESF-1 Update, September 10, 2017, 12:59 p.m. EDT)

#### o CONUS:

- Four Airspace Coordination Areas are in effect through September 20, 2017 in northern FL, southern FL, southern GA, and the FL panhandle and southern AL; open FL airports may have limited or no Air Traffic Control service (FAA Update, September 10, 9:56 p.m. EDT)
- Requests for Federal Rail Administration to open the emergency relief docket for emergency waiver requests are anticipated once the storm passes (ESF-1 Update, September 10, 2017, 11:30 a.m. EDT)

#### • ESF-2: Communications

 Federal Communications Commission activated the Disaster Information Reporting System for all counties in Florida, Puerto Rico and the US Virgin Islands; data being received for PR/VI; FL outage reporting begin September 11, 2017 (ESF-2 Update, September 11, 2017,12:01 a.m. EDT)

# • USVI/PR:

- Maynard Mobile Emergency Response Support (MERS) airlift from Westover Air Force Base, MA to St. Thomas is underway; two C-17 landed in St. Thomas, one diverted to McGuire AFB, estimated to arrive in St. Thomas September 11, 2017, at 5:30 a.m. EDT
  - MERS assets and personnel will support US&R teams, NDMS, and IMATs with land mobile radio capability so teams can communicate in the absence of local cellular and phone infrastructure (ESF-2 Update, September 11, 2017, 12:12 a.m. EDT)
  - FEMA accepted an offer from United States Secret Service on September 10 for 500 public safety radios; the MERS Electronic Maintenance Shop will process the radios and ship to the teams engaged in Regions II and IV, as appropriate (ESF-2 Update, September 10, 2017, 11:58 a.m. EDT)
- The focus for telecommunications industry in St. Thomas and St. John is restoration of the broadband network and towers; repairs are currently underway (ESF-2 Update, September 9, 2017, 2:13 p.m. EDT)
- Cell tower status (voluntary reporting, the same towers do not report everyday): 77.5% lost in St. Croix; 100% outages in St. John; 60% outages in St. Thomas outages 60%; minimal outages in PR (ESF-2 Update, September 11, 2017,12:01 a.m. EDT)

#### OCONUS:

- DHS Government Emergency Telecommunication System(GETS)/Wireless Priority Service fully functional; DHS Office of Emergency Communications issued an Emergency GETS Card PIN # to share among all First Responders to maximize use of wireline priority services when normal phone calls are not going through congested networks; the card will be active until October 6<sup>th</sup> (ESF-2 Update, September 10, 2017, 2:58 p.m. EDT)
- MERS and Mobile Communications Office Vehicle assets assigned to support FEMA IMAT, US&R, ESF-8 NDMS, and Incident Staging Base teams on site in FL, GA, and SC arrived and are waiting for the storm to pass to identify gaps (ESF-2 Update, September 10, 2017, 1:20 p.m. EDT)

# • ESF-3: Public Works and Engineering

#### o USVI

- US Army Corps of Engineers (USACE) preparing to support Temporary Housing requirements; preliminary assessments indicate over 90% of 50,000 structures on St. Thomas and St. John had damage (ESF-3 Update, September 10, 2017, 9:28 a.m. EDT)
- Generator Pre-Installation Inspection Teams in St. Thomas, where most of the emergency temporary power needs are (ESF-3 Update, September 11, 2017, 1:33 a.m. EDT)
- Assessments of critical facilities initiated in St. Thomas (ESF-3 Update, September 11, 2017, 3:34 a.m. EDT)

#### $\circ$ PR

- 5 Debris subject matter experts (SMEs) assisting PR with the development of debris management & removal plan; 350,000 cubic yards of debris has been identified to be cleared (ESF-3 Sit Rep, September 10, 2017, 9:13 a.m. EDT)
  - Hydro survey operations ongoing where water conditions permit due to Hurricane Jose (ESF-3 Update, September 10, 11:31 a.m. EDT)
- An Infrastructure Assessment SME is engaged with FEMA and EPA to provide technical assistance regarding water/wastewater infrastructure. Deployment date is still unknown (ESF-3 Update, September 10, 11:29 a.m. EDT)

#### o FL

■ USACE ready to remove estimates of nearly 30 million cubic yards of debris and provide nearly 30,000 homes requiring temporary roof support (ESF-3 Update, September 11, 2017, 3:45 a.m. EDT)

- \* \$30M Direct Federal Assistance Temp Roofing mission assignment in place; activating Temporary Roofing Planning and Response Teams (PRTs) and Advanced Contract Initiative (ACI) contractors
- Debris Planning and Response Team (PRT) and ACI (Advanced Contract Initiative), Ashbritt, collaborating with Florida Department of Transportation to prioritize routes for emergency clearance to critical facilities and temporary shelters (ESF-3 Update, September 11, 2017, 1:33 a.m. EDT)
- GA: Power team in place to provide temporary power via generators; additional power team on alert (ESF-3 Update, September 10, 2017, 11:00 a.m. EDT)

# ESF-4: Firefighting

- FL: Coordinating request to assist the Seminole Nation to provide 300 radios and one communications technician; request currently in process and has not been fulfilled (ESF-4 Update, September 10, 2017, 11:30 p.m. EDT)
- OGA: Coordinating request for an Incident Management Team (IMT) to preposition in GA to manage search and rescue teams, and for an IMT to preposition in GA to manage saw crews for emergency road clearance (ESF-4 Update, September 10, 2017, 11:30 p.m. EDT)

# • ESF-5: Information and Planning

- o Initial estimates of structures with damages due to wind from modeling-based assessments identified 430,000+ structures in PR and 16,000+ structures in USVI exposed to hurricane force winds; all structures in St. Thomas estimated to be exposed to Category 4+ winds, and nearly all structures in St. John estimated to be exposed to Category 5 winds (FEMA GIS Spot Report, September 10, 2017, 1:00 a.m. EDT)
- Civil Air Patrol: 2 aircraft, 22 personnel, 3 imaging sorties completed over USVI, images uploaded to FEMA site (CAP Update, September 10, 2017 7:57 p.m.)

# • ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services

- USVI: Salvation Army transporting 4 generators to St. Thomas, via barge expected to arrive on 9/15
   □ FI
  - ESF-6 is actively working acquisition package and funding requirements for Personal Assistance Services.
  - ESF-6 projects possible shortfalls in shelter staffing and the ability to sustain long term feeding mission. To address these shortfalls, ESF-6 is identifying contingency staffing contracts
  - Salvation Army: 52 canteens (78,000 meals) to arrive by September 13 with 23 (34,500 meals) canteens on standby from other states
- o GA: Salvation Army supporting feeding at 18 locations in GA; capacity: 25,500 meals per day
- O AL: Salvation Army supporting feeding at two locations (Selma and Dothan); capacity: 43,500 meals per day (ESF-6 Update, September 11, 2017, 3:56 a.m. EDT)

# • ESF-7: Logistics Management and Resource Support

- o USVI:
  - 210,294 meals and 115,200 liters of water currently pre-positioned
  - Additional commodities in NJ to support USVI/PR: 252,720 meals and 1,570,656 liters of water (ESF-7 update, September 11, 2017, 1:00 a.m. EDT)
  - Maritime Sea Bridge timelines extended because of projected storm activity; revised timelines are:
    - 1.68M liters of water, 10,000 cots, and 31 generators on Conquistador barge will depart from Pennsauken, NJ on 9/11, arrival in San Juan estimated for 9/18
    - 903,000 meals, 23 GSA vehicles, and an MCOV being shipped on SS Wright, estimated arrival in St. Thomas on September 19, 2017; ship has 325 berthing units and will be used for responder lodging (ESF-7 email update, September 11, 2017, 10:49 p.m. EDT)
    - Third sea bridge is inter-island, moving commodities from the distribution center in Puerto Rico to St. Thomas and St. Croix
  - Air Bridges are operational and not expected to be impacted by storm activity.
    - Passenger air bridge: mission assignment in effect for Department of Defense airplanes to move federal responders and their vehicles to San Juan
    - Commodity air bridge: a Boeing 767 plane flying meals daily from Houston to San Juan; each trip brings 90,000 meals, 270,000 meals delivered to date; expecting eight more trips over the next four days (ESF-7 update, September 10, 2017, 12:30 p.m. EDT)

- O PR:
  - 3,600 liters of water transferred to the territory
  - 289,000 meals, 532,000 liters of water, and 70 generators currently pre-positioned
- o CONUS:
  - 408,241 meals and 294,456 liters of water transferred to FL
  - 584,136 meals, 382,542 liters of water, and 110 generators currently pre-positioned
  - The following commodities are available to move to Florida if needed:
    - AL: 8,296,569 meals, 10,713,321 liters of water, and 45 generators
    - NC: 866,954 meals, 2,289,121 liters of water, and 87 generators
  - Transferred 628,416 meals and 912,624 liters of water to GA (ESF-7 update, September 11, 2017, 1:00 a.m. EDT)
- No Incident Support Bases (ISB) or Federal Staging Areas are noted as at risk
- Pre-positioning commodities from the ISB Randolph, TX to Fort Bragg NC, North Field, SC, and Forest Park, GA staging areas; on track to move between 9/11 and 9/13 until it is safe to move into FL
- O No known shortfalls for availability of and delivering durable medical equipment and consumable medical supplies resources (ESF-7 update, September 10, 2017, 12:30 p.m. EDT)
- Federal buildings closed on September 10: FL 413 (all), GA 13, USVI 2 (GSA update, September 11, 2017, 13:00 p.m. EDT)

### • ESF-8: Public Health and Medical Services

- O USVI and PR: 3 Disaster Medical Assistance Teams (DMAT), 1 Incident Response Coordination Team (IRCT), and 1 Health and Medical Task Force (HMTF) are supporting operations (ESF-8 Update, September 10, 2017, 1:39 a.m. EDT)
- o FL:
  - Over 300 additional personnel arrived with 100 more en route; 6 DMATs, 1 Service Access Team (SAT), 1 IRCT Forward, 1 Disaster Mortuary Operational Response Assessment Team (DMORT), and 1 Mobilization Team (MOB), and 1 Rapid Deployment Force are in Orlando, FL (ESF-8 Update, September 11, 2017, 23:57 p.m. EDT)
  - FL reported dialysis patients were treated at open dialysis centers pre-storm in preparation for closures (ESF-8 Update, September 10, 2017, 3:35 p.m. EDT)
  - 9 Medical Reserve Corps have been activated to offer functional needs support to patients at an evacuation staging area, support health/medical services in shelters, water distribution services, and other general needs (ESF-8 Update, September 10, 2017, 3:19 p.m. EDT)
- O GA: 1 IRCT in Valdosta (ESF-8 Update, September 10, 2017, 1:00 a.m. EDT)

#### • ESF-9: Search and Rescue

- US&R coordinating contingency plans with Regions II, III, and IV
- o USVI/PR:
  - Red Incident Support Team (IST) is activated staging in St. Augustine, FL, assisting PR and USVI
  - IST-Advance element and VA-TF2 are operational in PR
  - Two additional Type 1 task forces and five Mission Ready Packages deployed to USVI
  - USCG Sector San Juan is investigating the feasibility for cruise ships to evacuate stranded vacationers from St. Thomas; blanket permission granted to conduct over flights of Bahamas
- o CONUS:
  - Twelve task forces and three Hazardous Materials Equipment Push Packages staged in FL or GA; all 12 task forces have an embedded Type 1 Swiftwater Rescue Team
  - USCG forces are positioned as closely as is safely possible to enable post-storm response & support for the State of FL, with helicopter-equipped cutters coming in from both behind Irma and from the north (ESF-9 Update, September 10, 2017 3:37 p.m. EDT)
  - USCG has 34 operational aircraft across FL, PR, GA, AL, and LA. The USCG has 44 operational cutters operating in the FL and Caribbean areas. USCG has 74 operational small boats in FL and PR (ESF-9 Update, September 10, 2017, 2:45 p.m. EDT)

# • ESF-10: Oil and Hazardous Materials Response

- O USVI/PR
  - EPA sent two on-scene coordinators to PR, additional employees are expected to continue to deploy from Edison, NJ; Federal On-Scene Coordinator (OSC) conducted assessments of two active Superfund sites and reports both under control (ESF-10 Update, September 10, 2017, 2:17 p.m. EDT)
  - USCG Captain of the Port San Juan transiting to St. Thomas September 11, 2017, to oversee commencement of ESF-10 salvage operations for approximately 1,000 recreational boats/related fuel discharges; USCG, private salvage, U.S. Army Corps of Engineers, and US Navy assets assisting

#### o CONUS

- Pipeline industry shut down operations affecting Miami Int'l Airport, Fort Lauderdale Airport, Orlando Int'l Airport, and Tampa Int'l Airport
- USDOT Pipeline and Hazardous Materials Safety Administration status updates for five high-risk companies: AmeriGas and Airgas report FL operations have shut down; Matheson reports Miami location shut down, with status pending for other locations; Univar will shut down and secure FL facilities; no update from Ferrell Gas
- Kinder Morgan suspended operations of several compressor stations in GA and FL; suspended service will not significantly disrupt operations of the 7,000-mile long Southern Natural Gas pipeline system, which delivers natural gas to LA, MS, AL, FL, GA, SC, and TN (ESF-1 Update, September 10, 2017, 11:49 p.m. EDT)
- Crystal River, a decommissioning nuclear power plant, has "hot" fuel on site in cooling ponds; FEMA does not anticipate an issue, but is monitoring the situation with the Nuclear Regulatory Commission (FEMA Technical Hazards Division Update, September 10, 2017, 9:30 a.m. EDT)
- USCG has 47 National Strike Force personnel deployed and staged in Opa Locka, FL and Mobile, AL to conduct post-storm hazmat assessments with support from other locations (ESF-10 Update, September 10, 2017, 2:17 p.m. EDT)

# • ESF-11: Agriculture and Natural Resources

- o USVI:
  - GreaterGood.org/Rescue Bank donated pet food and pet supplies to support commodity distribution and pet sheltering operations; initial supply in Puerto Rico; additional food and supplies available to ship to USVI (ESF-11 SitRep Email, Situation Report, September 10, 11:34 p.m. EDT)
  - St. Thomas Humane Society requested pet assessment teams (immediate priority), pet sheltering teams, and pet food/supplies to meet pet support needs
- ONUS: National Animal Rescue and Sheltering Coalition assets are staged in and around FL prepared to support both Florida and Georgia with animal assessment teams, animal search and rescue teams, animal transport teams, and animal sheltering teams (ESF-11 SitRep Email, Situation Report, September 10, 3:15 p.m.)

# • ESF-12: Energy

- o USVI
  - Generator Mission: St. Thomas airport and hotel were energized Sunday afternoon
  - Restoration Planning: Department of Energy and FEMA are coordinating with USVI Water and Power Authority to identify requirements to restore power (ESF-12 SitRep September 10, 2017, 4:00 p.m. EDT)

#### o FL

- Restoration will focus first on power plants, damaged transmission lines and substations, followed by critical facilities such as hospitals, emergency services, communications, and water treatment plants; residential restoration will be prioritized for areas with the largest number of customers (Source: Florida Light and Power, September 10, 2017, 11:30 p.m. EDT)
- Timelines: Within the first 48 hours, damage assessments and field assessments should be completed providing county-specific restoration estimates; temporary power missions will begin as soon as debris is cleared from major supply routes; debris clearance begins as soon as winds drop below 35 mph (Source: Florida Light and Power, September 10, 2017, 11:30 p.m. EDT)
- About 17,000 mutual aid restoration personnel from over 30 states available to support (ESF-12 SitRep September 10, 2017, 4:00 p.m. EDT)
- Turkey Point Units 3 and 4 are under "hot shutdown" to allow unit to be up and running within several hours. Unit 3 will be assessed for restart September 11; no schedule for restart yet for Unit 4 due to non-emergency valve malfunction (ESF-12 Update, September 11, 2017, 2:00 a.m. EDT)

• Hatch and Farley nuclear plants have started preparatory safety procedures for potential storm impact; all units remain at 100% power (ESF-12 SitRep September 10, 2017, 4:00 p.m. EDT)

# • ESF-13: Public Safety and Security

- O USVI/PR: Four Quick Response Teams deployed in support of ESF-8 and ESF-9 operations in Puerto Rico and USVI (ESF-13 Update, September 10, 2017, 12:24 p.m. EDT)
- o CONUS
  - Moody Law Enforcement Responder Camp is operational
  - A total of 14 QRTs are currently at Moody Air Force Base; five additional QRTs will arrive by September 12 (ESF-13 Update, September 10, 2017, 8:53 p.m. EDT)
  - 14 additional QRTs are on standby to be deployed to support operations if needed (ESF-13 Update, September 10, 2017, 8:53 p.m. EDT)
  - ESF-13 FST deployed a logistics team to Orlando, FL to establish a Forward Operating Base at or near ESF-8 and ESF-9 forward deployed assets (ESF-13, September 10, 2017, 10:07 a.m. EDT)

# • ESF-15: External Affairs

- NBEOC connected Royal Caribbean Cruises with the U.S. Coast Guard to coordinate the delivery of
  provisions to Key West; assisting FedEx with a contact at the Grand Turk for a medevac; and connecting
  General Electric with Regions IV and VI for generators
- Fortune 500 companies assessing how they can either amplify messaging or assist in response effort for USVI including Coca Cola, McDonalds, GE and Home Depot. Shared disaster messaging and safety tips through NFL Players Association, MLB, and NBA (ESF-15 Liaison, September 10, 2017, 10:53 p.m. EDT)

### • U.S. Coast Guard

- o USVI
  - USCG: 53 lives saved and assisted (USCG Update, September 11, 2017, 2:00 a.m. EDT)
  - Seven USCG rescued at sea and 43 MEDEVAC'd by U.S. Navy (USCG Update, September 11, 2017, 2:00 a.m. EDT)
  - USCG Sector San Juan is fully mission capable with assets operating normally
  - Coast Guard Cutter Valiant arrived in St. Thomas on September 10 to serve as a USCG base of operations
  - USCG continues to coordinate helicopter and boat transport of personnel to St. Thomas for damage assessment and response needs. A USCG liaison officer arrived on the USS Kearsarge on September 9 to integrate USCG operations with Department of Defense air, surface and logistics efforts in PR/USVI
  - Search and rescue communications (Rescue 21) antennae on Ramrod Key and Islamorada are inoperable
- CONUS: Congressional overflight scheduled for September 11; flight departing from Elizabeth City, NJ south toward FL Keys (USCG Update, September 11, 2017, 2:00 a.m. EDT)

# • U.S. Department of Defense (DoD)

- The USS Iwo Jima, USS New York, and USS Abraham Lincoln positioned off the northeastern coast of Florida. USS Iwo Jima expects to be off the Florida Keys on September 12, depending on weather avoidance actions (DoD Update September 11, 2017 1:53 a.m.)
- The air bridge for Puerto Rico and Virgin Islands has been enhanced, increasing the ability to provide commodity and medical support (DoD Update September 11, 2017 1:53 a.m.)
- US Army is prepositioning 100 High Water Trucks in order to rapidly support the Florida National Guard requirements after Hurricane Irma passes
- O USS Oak Hill and USS Kearsarge on station and supporting relief operations in USVI (DoD Update, September 10, 2017, 1:54 p.m. EDT)
- Pursuing solutions to provide a temporary ground medical treatment facility on St. Thomas, USVI to augment the damaged hospital as a 24-72 hour holding facility until patients can be transported via the airport
- O US Southern Command (USSOUTHCOM): Secretary of Defense cleared USAID/OFDA request for DOD support to provide Humanitarian Assistance to the affected population in Saint Maarten as a result of damage caused by Hurricane Irma. (DoD Update September 11, 2017 1:53 a.m.)

- O US Transportations Command (USTRANSCOM): USNORTHCOM and USTRANSCOM are moving an Army Medical Support Company, 2 Critical Care Air Transport (CCAT) teams and the En Route Casualty Care System (ERPSS)-10 from St. Croix to St. Thomas to establish temporary medical facilities. An MA for sourcing surgical capability is anticipated to enhance the ability to provide temporary medical support services (DoD Update September 11, 2017 1:53 a.m.)
- Defense Logistics Agency (DLA):
  - Received Distribution Order (DO) to move 70,000 gals of motor fuel and 160,000 gals of diesel from Fort Hood, TX to Robins AFB, GA. (DoD Update September 11, 2017 1:53 a.m.)
  - 31 generators delivered to Lakehurst, NJ and 11 high-end generators (1-2 megawatts) delivered to Groveland, FL in support of Hurricane Irma
  - Increased meal delivery mission assignment to \$159M to include meals-ready-to-eat (MREs) and shelf-stable meals
    - Continuing to divert remaining meals dedicated for Harvey to Maxwell AFB, AL in support of Irma
    - Delivering 1.2M commercial meals daily to Ellenwood, GA from September 11 to 20, 2017
    - Providing 5M meals-ready-to-eat to North Field, SC (DoD Update, September 10, 2017, 1:54 p.m. EDT)
  - Delivered 300K gallons of motor gasoline and diesel at Robbin AFB, GA on September 9; receiving requirements to issue fuel to first responders and agencies (DoD Update, September 10, 2017, 1:54 p.m. EDT)

#### • National Guard

- o USVI:
  - Air Evacuations operations ongoing for approximately 500 US Citizens from St. Maarten, USVI to PR (CGE Briefing 10 September 4:00 p.m.)
  - Virgin Islands National Guard (VING) providing care, sheltering, and presence patrols for relief and security. Both airfields are open to military and relief aircraft
  - Air National Guard personnel evacuating civilians from St. Maarten, and PR is preparing for 600 evacuees from St. Maarten
  - Joint Engagement Team (JET) personnel have arrived to assist VING
  - Moved 40 personnel of the Quick Reaction Forces (QRF) to St. Thomas to assist local police departments
  - Supporting St. Croix with 30 personnel in an unarmed QRF
- o PR
  - Puerto Rico National Guard conducting post storm damage assessments, reporting no new unmet requirements the last 12 hours. They are continuing damage assessments and cleanup operations
  - An estimated 1,200 citizens evacuated in the last 24 hours
- o FL:
  - Three brigade-sized Joint Task Forces (JTF) are postured to protect the forces and immediately respond post Irma landfall, two are expected to arrive in the next 24 hours, and the third in the next 48 hours. National Guard (NG) is coordinating an EMAC force flow plan for Division, Brigade, and Battalion headquarters. Current priorities are support for shelters and evacuations throughout the state and ensuring Joint Task Force- Florida personnel and equipment are protected
  - In the process of completing reception, staging, onward movement and integration (RSOI) for South Carolina and Alabama Battalions. South Carolina Battalions will assist with transport, and will remain on standby to assist local authorities after impact. Alabama Battalions consist of a Military Police Battalion and a Chemical Battalion
  - 193 shelters are open currently all by guard elements, some in response to the westerly track shift of Irma (NGB Update, September 10, 2017, 12:29 p.m. EDT)

### • U.S. Department of the Interior (DOI)

- o USVI/PR
  - The visitor's center at Virgin Islands National Park has become focal point for communications (satellite phones) and the call-center for island
  - U.S. Geological Survey: five stream gages in Puerto Rico have been damaged or destroyed
- o CONUS
  - All National Parks in Florida are closed; 10 National Parks in Georgia are closed

- US Fish and Wildlife Service (FWS) reports 72 stations closed at this time, 56 of which are due to Hurricane Irma; four Heavy Equipment Task Forces mobilized for clearing roads and debris for access
- Two Special Operations Response Teams in FL; the Loxahatchee National Wildlife Refuge (NWR) and the Ding Darling NWR requested their assistance with post-storm damages

### Bureau of Indian Affairs

- Seminole Tribe: The tribe has completed their emergency protective measures; the Tribe has requested BIA Law Enforcement support through FEMA
- Indian Health Service: Readied cots, blankets, chain saw, generators and de-watering pumps equipment requested by the Miccosukee Tribe
- US Army Corps of Engineers Jacksonville District, acting on its own authority (PL 84-99), is provided unwatering pumps to the Miccosukee Tribe (Source: DOI Update, September 11, 2017, 00:09 a.m. EDT)

# • U.S. Department of State (DoS)

ODS Hurricane Response Task Force is tracking at least 1,450 evacuees to date from St. Maarten by air and 317 evacuees by ship; an estimated 1,000 U.S. citizens still require assistance (DoS Update, September 11, 2017, 12:45 a.m. EDT)

# • U.S. Customs and Border Protection (CBP)

## o USVI/PR

- The CBP Air-Marine Branch has conducted 24 missions with 19.5 hours in flight for SAR (3 lives saved to date). CBP assets including two Black Hawk Helicopters, one A-Star Helicopter, and ten Air-Marine Flight Crew Personnel continue to conduct SAR, transport, and reconnaissance missions in the USVI and PR
- A P3 Airplane transporting 15 Border Patrol Special Operations Search and Rescue / Medical Personnel to Puerto Rico from McAllen, TX arrived on September 10 in Puerto Rico
- Eight United States Border Patrol Agents arrived in the USVI September 10, 2017, to assist with relief and recovery efforts (CBP update, September 11, 2017, 3:20 a.m. EDT)
- CBP deployed 25 Special Response Team operators, arrived to Eglin AFB, FL September 10 support ESF-1 (CBP Force Laydown Update, September 10, 2017, 11:15 a.m. EDT) (CBP update-verbal, September 11, 2017, 5:22 a.m. EDT)

### **Commodities Table**

Generators

The following commodities are prepositioned in support of the incident.

0

Virgin Islands	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	1,687,296	1,427,518	210,924	210,924
Water	1,164,418	1,219,800	115,200	115,200
Cot	300	8,950	0	0
CUSI	100	84	0	0
Sheeting	28	0	0	0
Paerto Rico	Ordered To FBMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	1,300,000	0	0	289,000
Water	0	0	0	532,000

35

70

70

Alabama	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Water	27,768,599	3,457,158	11,441,006	10,713,321
Meal	11,453,243	959,562	11,036,764	8,296,569
Тагр	118,248	1,844	110,567	112,707
Blanket	53,676	0	53,676	47,801
Hygiene	50,000	0	50,000	50,000
Sheeting	42,965	1,344	14,981	15,379
Cot	20,385	0	20,984	19,496
Other	500	0	0	0

Generators	205	5	218	45
Ochiciators	200		210	

Florida	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	1,390,288	17,136	584,136	584,136
Water	1,095,552	35,280	382,542	382,542
CUSI	668	0	0	0
Generators	299	6	110	110

Georgia	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	12,000,000	0	0	0
Fuel	280,000	0	0	0
Generators	30	0	0	0

North Carolina	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Water	3,000,000	148,612	3,168,097	2,289,121
Meal	1,500,000	119,448	1,460,810	866,954
Blanket	40,000	21,947	22,885	0
Tarp	25,000	12,972	12,518	10,656
Other	500	0	0	1
Generators	94	0	83	87
CUSI	0	0	0	11
Cot	0	240	2,149	2,437
THU	0	13	0	0

New Jersey	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	2,386,696	859,248	1,288,872	252,720
Hygiene	20,000	9,496	0	0
Water	16,128	31,104	1,651,296	1,570,656
Cot	10,000	978	9,684	9,684
Other	200	0	0	0
Generators	45	1	1	0

South Carolina	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	9,866,316	415,166	73,536	73,536
Water	1,800,000	1,462,388	296,073	296,073
CUSI	70	0	0	0

The following commodities have been ordered by and shipped to the State or Territory.

Puerto Rico	Ordered To State/Territory	Shipped To State/Territory
Cot	2,150	2,252
Water	3,600	3,600

Virgin Islands	Ordered To State/Territory Shipped	To State/Territory
Meal	500,000	0
Water	500,000	0

Florida	Ordered To State/Territory Shipped	To State/Territory
Meal	3,290,240	408,241
Water	2,367,680	294,456

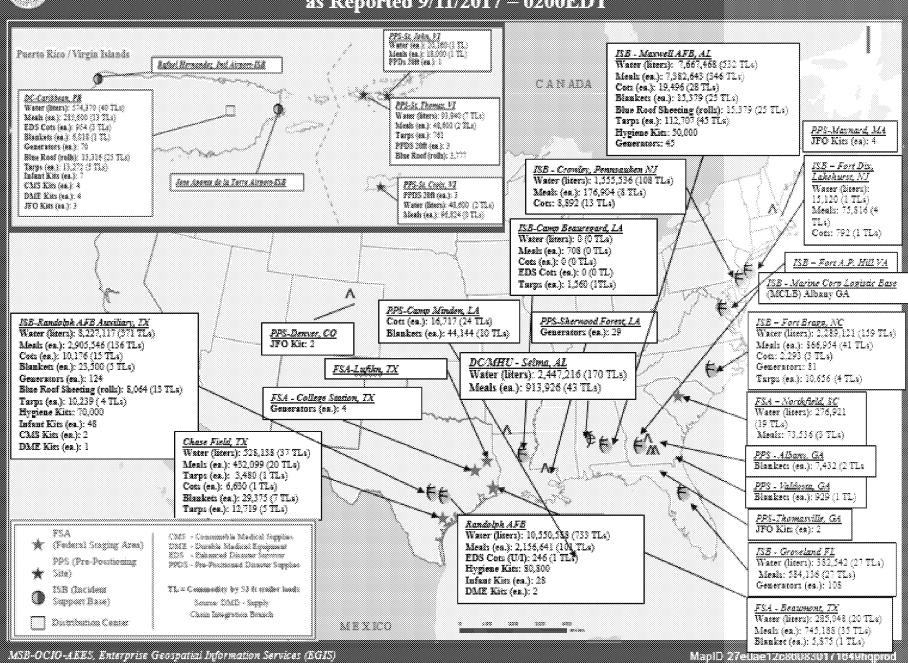
Georgia Meal	Ordered To State/Territory 602,592	Shipped To State/Territory 628,416
Blanket	20,000	22,885
Water	957,456	912,624
Tarp	3,004	1,664
Cot	300	864

(ESF 7 Update, September 11, 2017, 12:30 a.m. EDT)



# FEMA Logistics Pre-Positioned Sites - CONUS Commodities as Reported 9/11/2017 - 0200EDT

Tegania



#### Total FEMA Supporting Hurricane Irma Actions

Responders on the Ground: 1786

FEMA Corps Members available to support: 81

Other FEMA staff supporting: 533

R1 RRCC: 12 R2 RRCC: 97 R4 RRCC: 154 NRCC: 270

#### Anniston, AL: 653

FEMA Corps Members: 8

PMC Staff: 192

Other FEMA Responders: 436

SCF: 17

Montgomery/ Clanton, AL: 26

FEMA Corps Members: 6 Other FEMA Responders: 20

#### Tallahassee, FL: 216

N-IMAT E2: 27 RIV IMAT-1: 11

Other FEMA Responders: 109

SCF: 69

### Jacksonville/ St Augustine, FL: 2

Other FEMA Responders: 2

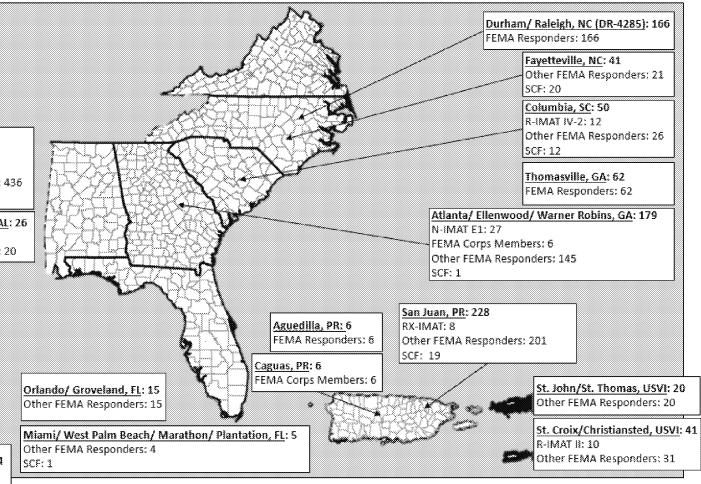
#### Tampa/ Bradenton/ Largo, FL: 4

Other FEMA Responders: 4

#### Naples/ Fort Myers/ LaBelle/ Moore Haven, FL: 4

Other FEMA Responders: 4

# Hurricane Irma - FEMA Responder Laydown (as of Sep 11, 2017 0200)



# Hurricane Irma - Federal Force Laydown & Assets (as of Sep 11, 2017 0500)

GEORGIA USCG: 25 personnel NPPD: PSA [9]: CS&C-NCC [1]
FFMA HIV [Atlanta, 6A] — RRCCLevel I: FFMA: N 39A1 E1
(27): FEMA Corp.; [6]: Responders (145): 5CF (1): ESF-8:
DMAT [3]: FSF-11: Sipersonnel USAR: UNO [2]: USGI: UNO [2]
RRCC, 1 FOC | FMAC: 2 RRCC, 1 FOC ISA VERR (14)
Wannel Robbins: USAR: [2ach Tean-20]: PA-TT1; NV-TT1;
WA TE; (N-TY): NO TE] [HEFF - 4]: USGI: 9 WEFF P2
MCLE Albany: USAR: CO-TF1 [4 - RCPP]: CO-TF1 [82]: A2-TF1 [80]

Moody AFF (Voldosta): USAR: (Each Team-SO) CA-FF 1 & 4; IN-TEL (4 - HOPP) ESF-B: INCT (1) ESF-12: ATF 1-2 (95); USMS (25); DOL-DIG (5); DORD-DIG (10); TIGTA 3 (17); BOP (100): 50 (CBP); FAM 1 (14); DOR 2 (25) USFA: 1 IMT Savannah; USCG: 15 Helicopters

Thomasville; ESF-2: MCOV (7): MERS (5) PEMA: Responder (82)

#### ALABAMA UKTI: 49 personnel

<u>SAustile:</u> USCG: 5 NSF FP; 3 AB-SKF; 5 Airbouts SAontsomery: FESIA: FESIA Corps (6), Responders (20)

**Montgomery: FEMA:** FEMA Corps (6); Responders (20 <u>Agointon:</u> FEMA: FEMA Corps (6); PMC Staff (189); Responders (313); SCF (3)

#### FLORIDA

USCG: 164 personnel MPPD: PSA [16]; CSACACC [1]

<u>Tallaharsee:</u> FEMA: N-8AAT-E2 (27); RV-8AAT-1 (31);
Responders (109); SCF: [69] FMAC: 4 USAAC (NO (2) USCG: 180 (3) FMF2: MRRS (9); ACCV (2) ESF-11: 2 personnel USCG: 13 Shallow water boars:

<u>Lanksonville</u>, 185(6: 12 WWFP FFMA: Responders (2) <u>Oxfondo:</u> V68R: AZ-TF1 (80); CA-TF1 (80); CA-TF4 (80); CO-4 TF1 (80); CO-174 (80); CO-4 TF1 (80); CO-174 (80); CO-4 TF1 (80); CO-4 TF1 (80); CO-174 (80

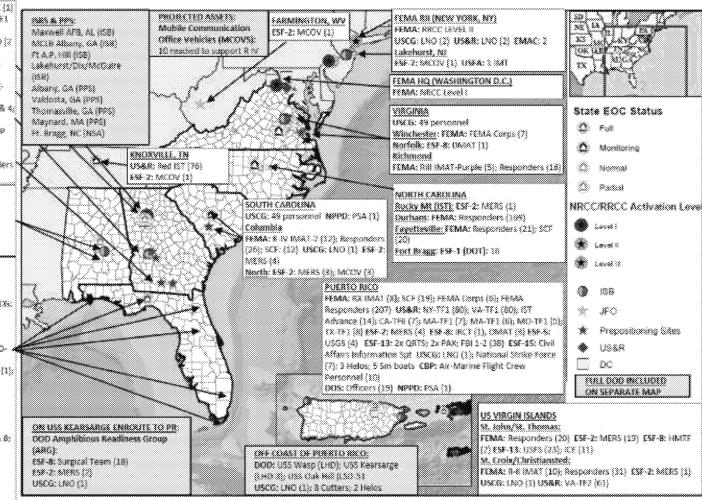
Miami/Maruthon/Plantation/West Palm Beach: FDMA: Responders (4): SCF [1] USCG: RAT, RSF [4]; 22 Sm bouts St. Augustine: USSR: Red IST [90]; IST Grd Support (8) Valparaiso (Eglin AED) USSR: (Each Team=80) CA-TF 3 & 8; RE-TF3: NET-FF CBF SSF IST-1 (75)

MC-1711 M1-1711 N. 1887 M1-1 C. 17-1 I

Pensacola: ESF-2: MCFS (3)

Tampa/Bradenton/Largo: FEMA: Emponders (4) Naples/Fort Meyers/Laffells/Moore Haves:

FEMA: Responders (4)



# Recovery Snapshot Post-Tropical Cyclone Harvey

Sunday, September 11, 2017 (5:00 a.m. EDT) Updates in Blue

# Housing

### • Individual Assistance

Individual Assistance (as of 09/10/17, 11:01 p.m. EDT)				
State	Total Registrations	Total IHPS	Housing Assistance \$	ONA 5
Texas	691,578	\$287,476,767	\$166,691,815	\$120,784,952

## • FEMA Inspections

Housing Inspections (as of 09/10/2017, 11:01 p.m. EDT)				
State	Inspectors with Work	Inspections Issued	inspections Complete	% Complete
Texas	1,895	296,601	85,767	28%

# • Transitional Shelter Assistance (TSA)

Transitional Sheltering Assistance (as of 09/10/2017, 3:14 p.m. EDT)					
State	Currently Checked In to Hotel	Currently Eligible			
Texas	21,401	277,535			

# • National Flood Insurance Program Claims Estimates

NFIP Claims Estimate (as of 09/09/2017)					
State	Claims Submitted	Advanced Payments to Insured Survivors			
Texas	82,000	\$119.9 M			

# Housing Programs

SBA Home Loans (as of 09/10/2017)					
State	Applications Received	Applications Approved	Loan S Approved	Average Loan Amount	
Texas	13,484	966	\$88,312,900	\$91,421	

## US Department of Housing and Urban Development (HUD)\*

Hurricane Harvey - Texas	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	0	2,146	0
Public and Indian Housing	42	0	812	0
Healthcare and Hospitals	40	994	0	492
Total	536	994	2,958	492

<sup>\* (</sup>No change from 9/8/2017, HUD reports that new data will be presented twice per week, on Tuesdays and Fridays, starting Tuesday, September 12, 2017).

# Infrastructure Systems (FEMA Recovery Update, September 10, 2017, 3:30 pm EDT)

# • Water and Wastewater

 Texas Commission on Environmental Quality (TCEQ) and EPA have completed surveys of 4,852 drinking water facilities and 2,908 wastewater facilities in the impacted area found 37 Severe Damage, 30 Medium Damage, 248 Minor Damage

## Aviation

 All major airports are at normal operations; Texas Gulf Coast Regional Airport is closed except for relief aircraft

## Highway

- o Federal Highway Administration (FHWA) Headquarters and TX Division responding to FEMA mission assignment requesting public affairs subject matter experts to staff Texas Joint Field Office (JFO)
- TX Division leadership meeting with TX Department of Transportation (DOT) regional staff to discuss damage assessments
- o TX Division sending four engineers to Houston District next week to begin damage assessments
- LA DOT deploying damage assessment teams within the next week
- o Texas Highway closures: Sam Houston Tollway between I-10 and Westheimer due to flooding

#### Maritime

- o Corpus Christi open with restrictions; vessels restricted to draft not above 43ft
- o Houston Area open with restrictions; vessels less than 40ft draft and daylight hours
- o Port of Beaumont open with restrictions; 30-foot draft restriction for the Sabine-Neches Waterway
- o Port of Port Arthur open with restrictions; 34-foot draft restriction for the Sabine-Neches Waterway

#### Rail

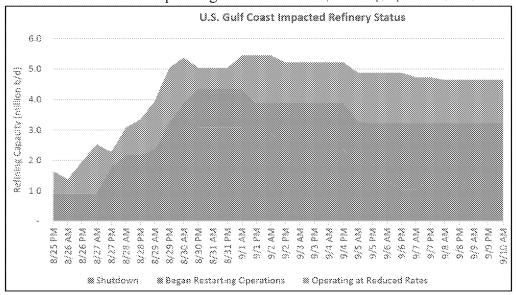
 All southeast Texas industrial leads have returned to service except two on the Union Pacific Railroad but both should be back in service on September 9; Amtrak route between San Antonio and New Orleans operating limited service

# Pipeline/HAZMAT

- FEMA International Affairs is facilitating expedited cross-border travel on September 11 for a Canadian employed by Clean Harbors to conduct environmental hazard cleaning in TX (FEMA International Affairs Update, September 10, 2017, 2:03 p.m. EDT)
- EPA and the TCEQ continue to get updates about the status of specific sites from the parties responsible
  for ongoing cleanup of the sites; TCEQ has completed the assessment of all 17 state Superfund sites in the
  affected area, no major issues noted

#### Oil and Gas

O Five refineries in the Gulf Coast are shut down; six refineries are in process of restarting after being shut down, and least five refineries are operating at reduced rates (DoE Sit Rep, September 10, 2017, 8:30 a.m. EDT)



(DoE SitRep, September 10, 2017, 8:30 a.m. EDT)

# **Economic Recovery**

## Small Business Administration

SBA Business Lo	Dans (as of 09/10/2017)			
State	Applications Received	Applications Approved	Loan S Approved	Average Loan Amount
Texas	1,073	87	\$7,644,400	\$87,867

<ul> <li>USDA Risk Management Age</li> </ul>	ncy
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- Due to the destruction of communication lines and the limited ability to travel in the impacted areas, many USDA RMA policyholders are unable to communicate with their agents to report losses within the Common Crop Insurance Policy, Basic Provisions (17-BR) 72 hour requirement

	<ul> <li>RMA has authorized Approved Insurance Providers to consider individual circumstances in accepting delayed notices of loss; initial reportable numbers may be available on September 12</li> </ul>							
. 18 Ter	3 ·				(Recovery Updat	e, September 10, 2017, 3:30	p.m. El	
esponder Lo								
USTS Empire arrive in Beau September 18	mont, TX arour	s) was delayed id September	l due to curre 18; SS Kenne	nt weather co edy (600 beds	nditions, and ) anticipated t	is now anticipated to arrive in Housto	to n, ΤΣ	